

the heat of boiling salt water to the thickness of honey; it is then suffered to cool, put up in glazed vessels and moistened with alcohol. The *extract* is prepared by immersing a pound of the leaves in three gallons of water and boiling down to one. The decoction should then be strained and stand six hours to settle, after which it may be drawn off and evaporated to the proper consistence. When the seeds are used, the decoction should stand a longer time to separate the oil with which the cotyledons abound, before evaporation. A larger amount of extract may be obtained by boiling the portion, which has been used, a second time in a smaller quantity of water, and mixing the two decoctions before evaporation. For the *tincture* one ounce of the dried leaves is to be digested for a week in eight ounces of proof spirit, and filtrated through paper. In making the *ointment*, a pound of the fresh leaves may be simmered in three pounds of hog's lard until the leaves become crisp. It is then to be strained, and cooled gradually.

The period for gathering the leaves is from the time the plant begins to flower, until the arrival of frost.

As the preparations of Stramonium are liable to vary in strength according to the circumstances

under which they are made, it is always prudent to begin with the smallest dose, and repeat it about three times a day, increasing each dose until the effects begin to appear in the stomach or head.

The commencing doses of the Stramonium, when properly prepared, are as follows.

Of the powdered leaves	1 grain.
powdered seeds	$\frac{1}{2}$ a grain.
inspissated juice or extract	1 grain.
extract of the seeds	from $\frac{1}{4}$ to $\frac{1}{2}$ grain.
tincture	from 15 to 20 drops.

BOTANICAL REFERENCES.

Datura Stramonium, LINNÆUS *Sp. pl. Fl. Suec.* 185 &c.—GRONOVIVS *Fl. Virg.* 23.—CEDER. *Fl. Danica* 436.—BLACKWELL *t.* 313.—GMELIN *Iter* i. 43.—POLLIICH. *Palatin.* 224.—HOFFMANN *Germ.* 77.—ROTH *Fl. Germ.* i. 92 &c.—WOODVILLE *t.* 124.—CURTIS *Lond.* vi. *t.* 17.—SMITH *Fl. Brit.* 254.—*Engl. Bot. t.* 1288.—PURSH *Amer.* 141.—ELLIOTT *Carol.* i. 275.—*Stramonium foliis angulosis* &c. HALLER *Helv.* 586. *Nuci metel-læ congener planta*, CAMERARIUS *Epitome* 276.—*Solanum feti-da poma spinoso, oblongo*, &c. BAUHIN *pin.* 168.—*Stramonium spinosum*, GERARDE *Herbal* 348.

MEDICAL REFERENCES.

STORCK *de Stramonio* &c.—LINDENSTOLPE *de venenis*, 531.—SAUVAGES *Nosol.* 2. 430.—GREDING in *Ludwigs Adversaria* i. 345.—MURRAY *App. Med.* i. 670.—CULLEN *Mat. Med.* ii. 281.—FOWLER in *Med. Comment.* v. 161.—ODHELIUS *cit. in Med. Com-ment* v. 161.—PAPIN in *Phil. Trans. abr.* vi. 53.—RUSH in *Philad.*